

Title (en)

REPROGRAMMING OF CELLS AND USES THEREOF

Title (de)

NEUPROGRAMMIERUNG VON ZELLEN UND VERWENDUNGEN DAVON

Title (fr)

REPROGRAMMATION DE CELLULES ET UTILISATIONS ASSOCIÉES

Publication

**EP 4314239 A1 20240207 (EN)**

Application

**EP 22723253 A 20220404**

Priority

- US 202163170405 P 20210402
- US 202163240739 P 20210903
- US 2022023356 W 20220404

Abstract (en)

[origin: WO2022212955A1] The present disclosure provides methods for reprogramming a cell, wherein the method comprises passing a cell suspension comprising the cell and a reprogramming factor through a constriction, wherein the constriction deforms the cell, thereby causing a perturbation of the cell such that the reprogramming factor enters the cell.

IPC 8 full level

**C12M 3/06** (2006.01); **A61P 25/00** (2006.01); **C12N 5/079** (2010.01); **C12N 5/0793** (2010.01); **C12N 5/0797** (2010.01); **C12N 15/09** (2006.01)

CPC (source: EP US)

**A61K 35/30** (2013.01 - US); **A61P 25/00** (2018.01 - EP); **C12M 23/16** (2013.01 - EP); **C12N 5/0619** (2013.01 - EP US);  
**C12N 5/0622** (2013.01 - EP); **C12N 5/0623** (2013.01 - EP); **C12N 9/1029** (2013.01 - US); **C12N 15/113** (2013.01 - US);  
**C12N 15/87** (2013.01 - EP US); **C12N 2310/141** (2013.01 - US); **C12N 2501/60** (2013.01 - EP); **C12N 2501/602** (2013.01 - US);  
**C12N 2501/999** (2013.01 - US); **C12N 2506/11** (2013.01 - US); **C12N 2506/1307** (2013.01 - EP); **C12N 2506/45** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022212955 A1 20221006**; EP 4314239 A1 20240207; US 2024182851 A1 20240606

DOCDB simple family (application)

**US 2022023356 W 20220404**; EP 22723253 A 20220404; US 202218553292 A 20220404